

PPL13 PROJECT FACT SHEET

March 21, 2003

Project Name and Number: Bank Stabilization Lake Borgne - Bayou Dupre to Bayou Bienvenue (1-1)

Coast 2050 Strategy:

Regional: #11, Maintain shoreline integrity of Lake Borgne
Coastwide: Maintenance of Gulf, Bay and Lake Shoreline Integrity
Mapping Unit: Maintain shoreline integrity (43)

Project Location: Region 1, Ponchartrain Basin, St. Bernard Parish, Lake Borgne
Shoreline from 1.6 miles north (PO-31) of Bayou Dupree to Bayou Bienvenue

Problem: Shoreline erosion rates average 10 ft/yr. along this section of Lake Borgne.

Goals: Project will stop shoreline erosion and protect adjacent fragile marsh between Lake Borgne and the MRGO.

Proposed Solution: Construct approximately 3 miles of foreshore rock dike along the Lake Borgne shoreline from Bayou Bienvenue to approximately 1.6 miles northwest of Bayou Dupre (at the northwestern boundary of PO-31 project). This project will tie into the Lake Borgne Shoreline Protection at Bayou Dupre (PO-31) project at this location.

Preliminary Project Benefits: Reduce shoreline erosion at the current rate of approximately 10 ft/yr., which would protect approximately 73.5 acres along Lake Borgne over the 20 year project life.

Compatibility with Coast 2050 Criteria:

Wetland Elevation/Sustainability: The project sustains <250 acres of emergent wetlands over the project life.

Ecosystem Influence Area: The project beneficially influences <1,000 acres.

Structural Framework: The project maintains or restores a structural component of the ecosystem that benefits greater than 75% of the ecosystem influence area for greater than 20 years.

Infrastructure: The project has a moderate net positive impact on critical infrastructure (MRGO).

Organism and Material Linkages: The project is consistent with the sustainability of the ecosystem but allows moderately less than a natural level of organism and material exchange.

Coast 2050 Habitat Objectives: The project has no effect on the habitat objective.

Project Synergy: The project has no synergy with other restoration projects approved for construction.

Identification of Potential Issues:

Oysters: yes

Land rights: no

Pipelines/utilities: no

O&M: high

Preliminary Construction Costs:

Fully funded cost range: \$10 - \$15M

Est. construction cost w/ contingencies: \$5.94M

Prepare of Fact Sheet: Mike Carloss, NRCS, (337) 291-3063,
michael.carloss@la.usda.gov